INT. J. GEOGRAPHICAL INFORMATION SYSTEMS, 1990, VOL. 4, NO. 4, 483–484

Index of Authors

with the titles of papers

ABEL, D. J., and MARK, D. M.: A comparative analysis of some two-dimensional orderings, 21
ARMSTRONG, M. P., and DENSHAM, P. J.: Database organization strategies for spatial decision support systems, 3

BOLSTAD, P. V., GESSLER, P., and LILLESAND, T. M.: Positional uncertainty in manually digitized map data, 399
BURROUGH, P. A.: Preface. Methods of spatial analysis in GIS, 221

CALKINS, H. W., *see* Dickinson, H. J.
CHARLTON, M., *see* Openshaw, S.
CHRISMAN, N. R.: Deficiencies of sheets and tiles: building sheetless databases, 157
CIMON, N., COE, P. K., and QUIGLEY, T. M.: Technical note. A regression technique for estimating the time required to digitize maps manually, 51
COE, P. K., *see* Cimon, N.
CROSS, A., *see* Openshaw, S.

DAVIS, B. A., *see* Jensen, J. R.
DAVIS, F. W., STOMS, D. M., ESTES, J. E., SCEPAN, J., and SCOTT, J. M.: An information systems approach to the preservation of biological diversity, 55
DENSHAM, P. J., *see* Armstrong, M. P.
DICKINSON, H. J., and CALKINS, H. W.: Comment on 'Concerning "The economic evaluation of implementing a GIS"', 211
DUDYCHA, D. J., *see* Piwowar, J. M.
DUNN, R., HARRISON, A. R., and WHITE, J. C.: Positional accuracy and measurement error in digital databases of land use: an empirical study, 385

ECONOMIC AND SOCIAL RESEARCH COUNCIL REGIONAL RESEARCH LABORATORY INITIATIVE. Publications List—April 1990, 467
ESTES, J. E., *see* Davis, F. W.

GESSLER, P., *see* Bolstead, P. V.

HALL, G. B., and MACLENNAN, M. H.: Video support in teaching about geographic information systems: a review of six videotapes, 87
HALL, G. B., *see* Wang, F.
HARRISON, A. R., *see* Dunn, R.
HASLETT, J., WILLS, G., and UNWIN, A.: SPIDER—an interactive statistical tool for the analysis of spatially distributed data, 285
HEARNSHAW, H. M., *see* Worboys, M. F.
HOLMES, J. M., *see* Jensen, J. R.
HUNTER, G. J, and WILLIAMSON, I. P.: The development of a historical digital cadastral database, 169

JENSEN, J. R., RAMSEY III, E. W., HOLMES, J. M., MICHEL, J. E., SAVITSKY, B., and DAVIS, B. A.: Environmental sensitivity index (ESI) mapping for oil spills using remote sensing and geographic information system technology, 181

KESSELL, S. R.: An Australian geographical information and modelling system for natural area management, 363

LEDREW, E. F., *see* Piwowar, J. M.
LILLESAND, T. M., *see* Bolstead, P. V.
LODWICK, W. A., MONSON, W, and SVOBODA, L.: Attribute error and sensitivity analysis of map operations in geographical informations systems: suitability analysis, 413

MACLENNAN, M. H., *see* Hall, G. B.
MAGUIRE, D. J., *see* Worboys, M. F.
MARK, D. M., *see* Abel, D. J.
MATHER, P. M.: ESRC/NERC joint programme on geographical information handling. A progress report, 477
MÉAILLE, R., and WALD, L.: A geographical information system for some Mediterranean benthic communities, 79
MÉAILLE, R., WALD, L.: Using geographical information sytem and satellite imagery within a numerical simulation of regional urban growth, 445
MICHEL, J. E., *see* Jensen, J. R.
MONSON, W., *see* Lodwick, W. A.

NELSON, R. C., *see* Shaffer, C. A.

OLIVER, M. A, and WEBSTER, R.: Kriging: a method of interpolation for geographical information systems, 313
OPENSHAW, S., CROSS, A., and CHARLTON, M.: Building a prototype Geographical Correlates Exploration Machine, 297

PASCOE, R. T., and PENNY, J. P.: Construction of interfaces for the exchange of geographic data, 147
PENNY, J. P., *see* Pascoe, R. T.
PIWOWAR, J. M., LEDREW, E. F., and DUDYCHA, D. J.: Integration of spatial data in vector and raster formats in a geographic information system environment, 429

QUIGLEY, T. M., *see* Cimon, N.

RAMSEY III, E. W., *see* Jensen, J. R.

SAMET, H., *see* Shaffer, C. A.
SAVITSKY, B., *see* Jensen, J. R.
SCEPAN, J., *see* Davis, F. W.
SCOTT, J. M., *see* Davis, F. W.
SHAFFER, C. A., SAMET, H., and NELSON, R. C.: QUILT: a geographic information system based on quadtrees, 103
SKIDMORE, A. K.: Terrain position as mapped from a gridded digital elevation model, 33
STOMS, D. M., *see* Davis, F. W.
SUBARYONO, *see* Wang, F.
SVOBODA, L., *see* Lodwick, W. A.

UNWIN, A., *see* Haslett, J.
UNWIN, D. J.: A syllabus for teaching geographical information systems, 457

VAN DER SCHANS, R.: The WDGM model, a formal systems view on GIS, 225
VAN OOSTEROM, P.: A modified binary space partitioning tree for geographic information systems, 133

WALD, L., *see* Méaille, R.
WANG, F., HALL, G. B., and SUBARYONO: Fuzzy information representation and processing in conventional GIS software: database design and application, 261
WEBSTER, C.: Rule-based spatial search, 241
WEBSTER, R., *see* Oliver, M. A.
WHITE, J. C., *see* Dunn, R.
WILCOX, D. L.: Concerning 'The economic evaluation of implementing a GIS', 203
WILLIAMSON, I. P., *see* Hunter, G. J.
WILLS, G., *see* Haslett, J.
WORBOYS, M. F., HEARNSHAW, H. M., and MAGUIRE, D. J.: Object-oriented data modelling for spatial databases, 369